

Environmental Protection Agency

§ 180.436

(A) Application shall be limited to general surface and spot and/or crack and crevice treatment in food/feed handling establishments where food/feed and food/feed products are held, processed, prepared and served. General surface application may be used only when the facility is not in operation provided exposed food/feed has been covered or removed from the area being treated. Spot and/or crack and crevice application may be used while the facility is in operation provided exposed food/feed is covered or removed from the area being treated prior to application. Spray concentration shall be limited to a maximum of 0.06 percent active ingredient. Contamination of food/feed or food/feed contact surfaces shall be avoided.

(B) To assure safe use of the insecticide, its label and labeling shall conform to that registered with the U.S. Environmental Protection Agency and shall be used in accordance with such label and labeling.

(b) *Section 18 emergency exemptions.* [Reserved]

(c) *Tolerances with regional registrations.* [Reserved]

(d) *Indirect or inadvertent residues.* [Reserved]

[62 FR 63001, Nov. 26, 1997, as amended at 63 FR 45414, Aug. 26, 1998; 69 FR 62614, Oct. 27, 2004]

§ 180.436 Cyfluthrin; tolerances for residues.

(a) *General.* (1) Tolerances are established for residues of the insecticide cyfluthrin (cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2dimethylcyclopropane-carboxylate; CAS No. 68359-37-5) in or on the following raw agricultural commodities:

Commodity	Parts per million
Alfalfa	5.0
Alfalfa, hay	10.0
Almond, hulls	0.5
Barley, bran	5.0
Brassica, head and stem, subgroup 5A	2.5
Brassica, leafy greens, subgroup 5B	7.0
Carrot, roots	0.20
Cattle, fat	10.0
Cattle, meat	0.40
Cattle, meat byproducts	0.40
Citrus, dried pulp	0.3
Citrus, oil	0.3
Corn, field, forage	3.0

Commodity	Parts per million
Corn, field, milled byproducts	7.0
Corn, field, refined oil	30.0
Corn, field, stover	6.0
Corn, pop, stover	6.0
Corn, sweet, forage	15.00
Corn, sweet, kernel plus cob with husks removed	0.05
Corn, sweet, stover	30.00
Cotton, hulls	2.0
Cotton, refined oil	2.0
Cotton, undelinted seed	1.0
Egg	0.01
Fruit, citrus, group 10	0.2
Fruit, pome, group 11	0.5
Fruit, stone, group 12	0.3
Goat, fat	10.0
Goat, meat	0.40
Goat, meat byproducts	0.40
Grain, aspirated fractions	600
Grain, cereal, group 15	4.0
Grape	1.0
Grape, raisin	3.5
Hog, fat	10.0
Hog, meat	0.40
Hog, meat byproducts	0.40
Hop, dried cones	20.0
Hop, vines	4.0
Horse, fat	10.0
Horse, meat	0.40
Horse, meat byproducts	0.40
Lettuce, head	2.0
Lettuce, leaf	3.0
Milk	1.0
Milk, fat	30.0
Mustard greens	7.0
Nut, tree, group 14	0.01
Oat, bran	5.0
Pea and bean, dried shelled, except soybean, subgroup 6C	0.15
Pea, dry, seed	0.15
Pea, southern, succulent	0.25
Peanut	0.01
Peanut, hay	6.0
Pepper	0.50
Pistachio	0.01
Poultry, fat	0.01
Poultry, meat	0.01
Poultry, meat byproducts	0.01
Radish, roots	1.0
Rice, bran	6.0
Rice, hulls	18.0
Rye, bran	5.0
Sheep, fat	10.0
Sheep, meat	0.40
Sheep, meat byproducts	0.40
Sorghum, grain, forage	2.0
Sorghum, grain, stover	5.0
Soybean, forage	8.0
Soybean, hay	4.0
Soybean, seed	0.03
Sugarcane, cane	0.05
Sugarcane, molasses	0.20
Sunflower, forage	5.0
Sunflower, seed	0.02
Tomato	0.20
Tomato, paste	0.5
Tomato, pomace	5.0
Turnips, greens	7.0
Vegetable, cucurbit, group 9	0.1
Vegetable, fruiting, group 8	0.5
Vegetable, leafy greens, except Brassica, group 4	6.0
Vegetable, tuberous and corm, subgroup 1C	0.01

Commodity	Parts per million
Wheat, bran	6.5
Wheat, forage	5.0
Wheat, hay	6.0
Wheat, shorts	11.0
Wheat, straw	6.0

(2) A tolerance of 0.05 ppm is established for residues of the insecticide cyfluthrin (cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate; CAS Reg. No. 69359-37-5) in food commodities exposed to the insecticide during treatment of food-handling establishments where food and food products are held, processed, prepared, or served. Treatments may be made by general surface, spot, and/or crack and crevice applications.

(i) General surface treatments shall be limited to a maximum of 3.8 grams of active ingredient per 1,000 square feet, applying to walls, floors, and ceilings with a low-pressure system. Cover or remove all food processing and/or handling equipment during application. Do not apply directly to food products. Reapplications may be made at 10-day intervals.

(ii) Crack and crevice or spot treatments shall be limited to a maximum of 0.1 percent of the active ingredient weight, applied with a low-pressure system with a pinpoint or variable-pattern nozzle. Dust formulation shall be limited to a maximum of 0.1 percent of the active ingredient by weight, applied using a hand duster, power duster, or other equipment capable of applying dust insecticide directly into voids and cracks and crevices. Dust applications should be made in a manner to avoid deposits on exposed surfaces or introducing the material into the air. Cover exposed food or remove food from premises. Do not apply directly to food. Reapplications may be made at 10-day intervals.

(iii) To ensure safe use of the insecticide, its label and labeling shall conform to that registered by the Environmental Protection Agency, and it shall be used in accordance with such label and labeling.

(3) A tolerance of 0.05 part per million is established for residues of the insecticide cyfluthrin (cyano(4-fluoro-

3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate; CAS Reg. No. 68359-37-5) in feed commodities exposed to the insecticide during treatment of feed-handling establishments where feed and feed products are held, processed, prepared, or served. Treatments may be made by general surface, spot, and/or crack and crevice applications.

(i) General surface treatments shall be limited to a maximum of 3.8 grams of active ingredient per 1,000 square feet, applying to walls, floors, and ceilings with a low-pressure system. Cover or remove all feed processing and/or handling equipment during application. Do not apply directly to feed products. Reapplications may be made at 10-day intervals.

(ii) Crack and crevice or spot treatments shall be limited to a maximum of 0.1 percent of the active ingredient by weight, applied with a low-pressure system with a pinpoint or variable-pattern nozzle. Dust formulation shall be limited to a maximum of 0.1 percent of the active ingredient by weight, applied using a hand duster, power duster, or other equipment capable of applying dust insecticide directly into voids and cracks and crevices. Dust applications should be made in a manner to avoid deposits on exposed surfaces or introducing the material into the air. Cover exposed feed or remove feed from premises. Do not apply directly to feed. Reapplications may be made at 10-day intervals.

(iii) To ensure safe use of the insecticide, its label and labeling shall conform to that registered by EPA, and it shall be used in accordance with such label and labeling.

(b) *Section 18 emergency exemptions.* [Reserved]

(c) *Tolerances with regional registrations.* Tolerances with regional registration, as defined in §180.1(n), are established for residues of cyfluthrin in or on the following raw agricultural commodities:

Commodity	Parts per million
Grass, forage	6.0
Grass, hay	8.0

Environmental Protection Agency

§ 180.438

(d) *Indirect or inadvertent residues.*
[Reserved]

[53 FR 1924, Jan. 25, 1988, as amended at 54 FR 27643, June 30, 1989; 60 FR 28354, May 31, 1995; 60 FR 33357, June 28, 1995; 60 FR 34876, July 5, 1995; 61 FR 10681, Mar. 15, 1996; 61 FR 39886, July 31, 1996; 62 FR 25523, May 9, 1997; 62 FR 63018, 63019, Nov. 26, 1997; 64 FR 35067, June 30, 1999; 66 FR 27473, May 17, 2001; 67 FR 60991, Sept. 27, 2002; 70 FR 7047, Feb. 10, 2005; 70 FR 53953, Sept. 13, 2005; 71 FR 19442, Apr. 14, 2006]

§ 180.437 Methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-p-toluate and methyl 6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluate; tolerances for residues.

Tolerances are established for the combined residues of the herbicide methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-p-toluate and methyl 6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluate in or on the following raw agricultural commodities:

Commodity	Parts per million
Barley, grain	0.10
Barley, straw	2.00
Sunflower, seed	0.10
Wheat, grain	0.10
Wheat, straw	2.00

[53 FR 24069, June 27, 1988]

§ 180.438 Lambda-cyhalothrin and an isomer gamma-cyhalothrin; tolerances for residues.

(a) *General.* (1) Tolerances are established for the combined residues of the pyrethroid lambda-cyhalothrin, 1:1 mixture of (S)-α-cyano-3-phenoxybenzyl-(Z)-(1R,3R)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (R)-α-cyano-3-phenoxybenzyl-(Z)-(1S,3S)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and its epimer expressed as epimer of lambda-cyhalothrin, a 1:1 mixture of (S)-α-cyano-3-phenoxybenzyl-(Z)-(1S,3S)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (R)-α-cyano-3-phenoxybenzyl-(Z)-(1R,3R)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate, on

plants and livestock, as indicated in the following table.

Commodity	Parts per million
Alfalfa, forage	5.0
Alfalfa, hay	6.0
Almond, hulls	1.5
Apple, wet pomace	2.50
Avocado, imported	0.20
Brassica, head and stem, subgroup 5A	0.4
Canola, refined oil	2.0
Canola, seed	1.0
Cattle, fat	3.0
Cattle, meat	0.2
Cattle, meat byproducts	0.2
Corn, field, grain	0.05
Corn, field, grain, flour	0.15
Corn, field, forage	6.0
Corn, field, stover	1.0
Corn, pop, grain	0.05
Corn, pop, grain, flour	0.05
Corn, pop, stover	1.0
Corn, sweet, forage	6.0
Corn, sweet, stover	1.0
Corn, sweet, kernel plus cob with husks removed	0.05
Cotton, undelinted seed	0.05
Egg	0.01
Fruit, pome, group 11	0.30
Fruit, stone, group 12	0.50
Garlic	0.1
Goat, fat	3.0
Goat, meat	0.2
Goat, meat byproducts	0.2
Grain, aspirated fractions	2.0
Hog, fat	3.0
Hog, meat	0.2
Hog, meat byproducts	0.2
Hop, dried cones	10.0
Horse, fat	3.0
Horse, meat	0.2
Horse, meat byproducts	0.2
Lettuce, head	2.0
Lettuce, leaf	2.0
Milk, fat (reflecting 0.2 ppm in whole milk)	5.0
Nut, tree, group 14	0.05
Onion, bulb	0.1
Pea and bean, dried shelled, except soybean, subgroup 6C	0.10
Pea and bean, succulent shelled, subgroup 6B	0.01
Peanut	0.05
Peanut, hay	3.0
Poultry, fat	0.03
Poultry, meat	0.01
Poultry, meat byproducts	0.01
Rice, grain	1.0
Rice, hulls	5.0
Rice, straw	1.8
Sheep, fat	3.0
Sheep, meat	0.2
Sheep, meat byproducts	0.2
Soybean	0.01
Sorghum, grain, grain	0.2
Sorghum, grain, forage	0.30
Sorghum, grain, stover	0.50
Sugarcane, cane	0.05
Sunflower, forage	0.2
Sunflower, seed, hulls	0.50
Sunflower, refined oil	0.30
Sunflower, seed	0.2
Tomato	0.1
Tomato, dry pomace	6.0
Tomato, wet pomace	6.0
Vegetables, fruiting, group 8	0.20